ELSEVIER

Protein Structure & Molecular Enzymology

Vol. 1253, 1995

BBA Biochimica et Biophysica Acta

Author Index

Anderton, C.L., Hester, R.E. and Moore, J.N.
Resonance Raman spectroscopy reveals novel ligation properties of the porcine myoglobin double mutant H64V/V68H (1253) 1
Arai, K., Sumi, S.-H., Yoshida, K.-i. and Komoda, T.
A precursor form of human kidney γ-glutamyl transferase in normal and cancerous tissues, and its possible post-translational modification (1253) 33

Badcoe, I.G., see Taylor, L.S. (1253) 39
Balny, C., see Clery, C. (1253) 85
Bec, N., see Clery, C. (1253) 85
Bell, P.A., see Yan, B. (1253) 175
Brinkworth, R.I. and Fairlie, D.P.
Hydroxyquinones are competitive non-peptide inhibitors of HIV-1 proteinase (1253) 5
Brody, M.S. and Hille, R.
The reaction of chicken liver sulfite oxidase with dimethylsulfite (1253) 133
Brownlee, R.T.C., see Chen, L. (1253) 112
Byrn, R.A., see Yamaguchi, K. (1253) 136

Cassani, G., see Verdoliva, A. (1253) 57
Cetin, Y., see Hill, O. (1253) 146
Chen, L., Sadek, M., Stone, B.A., Brownlee, R.T.C., Fincher, G.B. and Høj, P.B.
Stereochemical course of glucan hydrolysis by barley $(1 \rightarrow 3)$- and $(1 \rightarrow 3,1 \rightarrow 4)$-$\beta$-glucanases (1253) 112
Chen, Y.-W., Dekker, E.E. and Somerville, R.L.
Functional analysis of *E. coli* threonine dehydrogenase by means of mutant isolation and characterization (1253) 208
Cheng, E., Dekker, H.L., Van Gelder, B.F. and Koomen, G.-J.
Inhibition of pig kidney diamine oxidase by nazlinin and nazlinin derivatives (1253) 189
Cieslak, A., see Hill, O. (1253) 146
Clarke, A.R., see Taylor, L.S. (1253) 39
Clery, C., Bec, N., Balny, C., Mozhaev, V.V. and Masson, P.
Kinetics of butyrylcholinesterase in reversed micelles under high pressure (1253) 85
Colson, A.-M., see Meunier, B. (1253) 13
Costantino, H.R., Griebenow, K., Mishra, P., Langer, R. and Klibanov, A.M.
Fourier-transform infrared spectroscopic investigation of protein stability in the lyophilized form (1253) 69
Cox, M.C., Le Brun, N., Thomson, A.J., Smith, A., Morgan, W.T. and Moore, G.R.
MCD, EPR and NMR spectroscopic studies of rabbit hemopexin and its heme binding domain (1253) 215
Cuchillo, C.M., see Nogués, M.V. (1253) 16

Dekker, E.E., see Chen, Y.-W. (1253) 208
Dekker, H.L., see Cheng, E. (1253) 189
Denesyuk, A.I., see Dudich, I.V. (1253) 163
Dudich, I.V., Zav'yalov, V.P., Pfeil, W., Gaestel, M., Zav'yalova, G.A., Denesyuk, A.I. and Korpela, T.
Dimer structure as a minimum cooperative subunit of small heat-shock proteins (1253) 163

Edwards, H.G.M., see Taylor, L.S. (1253) 39

Fairlie, D.P., see Brinkworth, R.I. (1253) 5
Fassina, G., see Verdoliva, A. (1253) 57
Fincher, G.B., see Chen, L. (1253) 112
Forssmann, W.-G., see Hill, O. (1253) 146
Fries, H.-W., see Fröhlich, K.-U. (1253) 25
Fröhlich, K.-U., Fries, H.-W., Peters, J.-M. and Mecke, D.
The ATPase activity of purified CDC48p from *Saccharomyces cerevisiae* shows complex dependence on ATP-, ADP-, and NADH-concentrations and is completely inhibited by NEM (1253) 25
Fukui, T., see Tanaka, S. (1253) 9

Gaestel, M., see Dudich, I.V. (1253) 163
Greenaway, F.T., see He, Z. (1253) 117
Griebenow, K., see Costantino, H.R. (1253) 69

Häberlein, I. and Vogeler, B.
Completion of the thioredoxin reaction mechanism: kinetic evidence for protein complexes between thioredoxin and fructose 1,6-bisphosphatase (1253) 169
Hasumi, H., see Sato, K. (1253) 94
He, R.-Q., Li, Y.-G., Wu, X.-Q. and Li, L.
Inactivation and conformation changes of the glycated and non-glycated D-glyceraldehyde-3-phosphate dehydrogenase during guanidine-HCl denaturation (1253) 47
He, Z., Nadkarni, D.V., Sayre, L.M. and Greenaway, F.T.
Mechanism-based inactivation of porcine kidney diamine oxidase by 1,4-diamino-2-butene (1253) 117
Hester, R.E., see Anderton, C.L. (1253) 1
Hill, O., Cetin, Y., Cieslak, A., Mägert, H.-J. and Forssmann, W.-G.
A new human guanylate cyclase-activating peptide (GCAP-II, uroguanylin): precursor cDNA and colonic expression (1253) 146
Hille, R., see Brody, M.S. (1253) 133
Høj, P.B., see Chen, L. (1253) 112
Hosoya, T., see Sato, K. (1253) 94

Ichikawa, A., see Tanaka, S. (1253) 9
Ichishima, E., see Inoue, T. (1253) 141
Imhoff, J.F., see Thiemann, B. (1253) 181
Inoue, T., Yoshida, T. and Ichishima, E.
Molecular cloning and nucleotide sequence of the 1,2-α-D-mannosidase gene, *msdS*, from *Aspergillus saitoi* and expression of the gene in yeast cells (1253) 141
Ito, A., see Yamagata, A. (1253) 224

Jackson, G.S., see Taylor, L.S. (1253) 39

Klibanov, A.M., see Costantino, H.R. (1253) 69
Komoda, T., see Arai, K. (1253) 33
Koomen, G.-J., see Cheng, E. (1253) 189
Korpela, T., see Dudich, I.V. (1253) 163
Kume, T., see Tanaka, S. (1253) 9

Langer, R., see Costantino, H.R. (1253) 69
Le Brun, N., see Cox, M.C. (1253) 215

Li, L., see He, R.-Q. (1253) 47
Li, Y.-G., see He, R.-Q. (1253) 47
Liu, Z.-J. and Zhou, J.-M.
Spin-labeling probe on conformational change at the active sites of creatine kinase during denaturation by guanidine hydrochloride (1253) 63

Macdonald, M.H., Morrison, C.J. and McMaster, W.R.
Analysis of the active site and activation mechanism of the *Leishmania* surface metalloproteinase GP63 (1253) 199
Mägert, H.-J., see Hill, O. (1253) 146
Mann, W.R., see Yan, B. (1253) 175
Masson, P., see Clery, C. (1253) 85
McMaster, W.R., see Macdonald, M.H. (1253) 199
Mecke, D., see Fröhlich, K.-U. (1253) 25
Mehta, V., see Taylor, L.S. (1253) 39
Meunier, B., Colson, A.-M. and Rich, P.R.
The topology of Cu_A in relation to the other metal centres in cytochrome-*c* oxidase of *Saccharomyces cerevisiae* as determined by analysis of second-site reversions (1253) 13
Mishra, P., see Costantino, H.R. (1253) 69
Monnier, V.M., see Nagaraj, R.H. (1253) 75
Moore, G.R., see Cox, M.C. (1253) 215
Moore, J.N., see Anderton, C.L. (1253) 1
Morgan, W.T., see Cox, M.C. (1253) 215
Morrison, C.J., see Macdonald, M.H. (1253) 199
Mozhaev, V.V., see Clery, C. (1253) 85

Nadkarni, D.V., see He, Z. (1253) 117
Nagaraj, R.H. and Monnier, V.M.
Protein modification by the degradation products of ascorbate: formation of a novel pyrrole from the Maillard reaction of L-threose with proteins (1253) 75
Nakamura, S., see Sato, K. (1253) 94
Newman, J., see Scharf, R.E. (1253) 129
Niven, G.W.
The characterization of two aminopeptidase activities from the cyanobacterium *Anabaena flos-aquae* (1253) 193
Noda, K., see Yamagata, A. (1253) 224
Nogués, M.V., Vilanova, M. and Cuchillo, C.M.
Bovine pancreatic ribonuclease A as a model of an enzyme with multiple substrate binding sites (1253) 16

Ohgo, M., see Tanaka, S. (1253) 9

Peters, J.-M., see Fröhlich, K.-U. (1253) 25
Pfeil, W., see Dudich, I.V. (1253) 163

Ramos, A. and Rotllán, P.
Specific dinucleoside polyphosphate cleaving enzymes from chromaffin cells: a fluorimetric study (1253) 103
Rich, P.R., see Meunier, B. (1253) 13
Rotllán, P., see Ramos, A. (1253) 103
Ruvo, M., see Verdoliva, A. (1253) 57

Sadek, M., see Chen, L. (1253) 112
Sakurada, J., see Sato, K. (1253) 94
Sato, K., Hasumi, H., Tsukidate, A., Sakurada, J., Nakamura, S. and Hosoya, T.
Effects of mixed solvents on three elementary steps in the reactions of horseradish peroxidase and lactoperoxidase (1253) 94
Sayre, L.M., see He, Z. (1253) 117
Scharf, R.E. and Newman, J.
Mg- and Ca-actin filaments appear virtually identical in steady-state as determined by dynamic light scattering (1253) 129
Shima, Y.-i., see Tanaka, S. (1253) 9
Smith, A., see Cox, M.C. (1253) 215
Somerville, R.L., see Chen, Y.-W. (1253) 208
Stone, B.A., see Chen, L. (1253) 112
Sumi, S.-H., see Arai, K. (1253) 33

Tanaka, S., Fukui, T., Yamamoto, J., Shima, Y.-i., Kume, T., Ohgo, M. and Ichikawa, A.
Processing and activation of recombinant mouse mastocytoma histidine decarboxylase in the particulate fraction of Sf9 cells by porcine pancreatic elastase (1253) 9
Taylor, L.S., York, P., Williams, A.C., Edwards, H.G.M., Mehta, V., Jackson, G.S., Badcoe, I.G. and Clarke, A.R.
Sucrose reduces the efficiency of protein denaturation by a chaotropic agent (1253) 39
Thiemann, B. and Imhoff, J.F.
Occurrence and purification of the photoactive yellow protein of *Ectothiorhodospira halophila* (PYP) and of immunologically related proteins of *Rhodospirillum salexigens* and *Chromatium salexigens* and intracellular localization of PYP (1253) 181
Thomson, A.J., see Cox, M.C. (1253) 215
Tsou, C.-L.
Inactivation precedes overall molecular conformation changes during enzyme denaturation (1253) 151
Tsukidate, A., see Sato, K. (1253) 94

Van Gelder, B.F., see Cheng, E. (1253) 189
Verdoliva, A., Ruvo, M., Villain, M., Cassani, G. and Fassina, G.
Antigenicity of topochemically related peptides (1253) 57
Vilanova, M., see Nogués, M.V. (1253) 16
Villain, M., see Verdoliva, A. (1253) 57
Vogeler, B., see Häberlein, I. (1253) 169

Williams, A.C., see Taylor, L.S. (1253) 39
Wu, X.-Q., see He, R.-Q. (1253) 47

Yamagata, A., Yoshida, N., Noda, K. and Ito, A.
Purification and characterization of a new serine proteinase from *Bacillus subtilis* with specificity for amino acids at P_1 and P_2 positions (1253) 224
Yamaguchi, K. and Byrn, R.A.
Clinical isolates of HIV-1 contain few pre-existing proteinase inhibitor resistance-conferring mutations (1253) 136
Yamamoto, J., see Tanaka, S. (1253) 9
Yan, B., Mann, W.R. and Bell, P.A.
Effects of substrate binding and pH on the secondary structure of carnitine acetyltransferase (1253) 175
York, P., see Taylor, L.S. (1253) 39
Yoshida, K.-i., see Arai, K. (1253) 33
Yoshida, N., see Yamagata, A. (1253) 224
Yoshida, T., see Inoue, T. (1253) 141

Zav'yalov, V.P., see Dudich, I.V. (1253) 163
Zav'yalova, G.A., see Dudich, I.V. (1253) 163
Zhou, J.-M., see Liu, Z.-J. (1253) 63